



TRANSFORMER SITAS; PHASES:1;
 PN/PN(S6)(KVA):0,1 /0,31; UPRI(V):230+/-5%;
 USEC(V):42; ISEC(A):2,38; F(HZ):50...60; VECTOR
 GR./SHIELD WNG.:li0 /0; TA/ISOKL:40 /B; IP00; TYPE
 OF TERMINALS:SCREW/TAB CONNECTION;
 INSTALLATION:SCREWS/MOUNTING RAILS; EN
 61558-2-2, -2-6 >UL/CSA-RECOGNIZED< >CONTROL
 CIRCUIT TRANSFORMER< >SAFETY ISOLATING
 TRANSFORMER<

Figure similar

| General technical data: | | |
|---------------------------------------|-----|-------------------|
| Product designation | | transformer SITAS |
| Product brand name | | SIDAC |
| Operating apparent output rated value | V·A | 100 |
| Efficiency | | 0.86 |
| Connection method for transformers | | li0 |
| Certificate of suitability | | CE / cRUus |
| Product function | | |
| • Temperature monitoring | | No |
| • Insulation monitoring | | No |
| • Short-circuit and overload proof | | No |
| Number of shielding windings | | 0 |
| Short-term vector power | V·A | 310 |
| Relative short-circuit voltage | % | 7.7 |
| Inputs: | | |
| Phase number of the inputs | | 1 |
| Input voltage | | |

| | | |
|-----------------------------------|----|-----|
| • _1 rated value | V | 242 |
| • _2 rated value | V | 230 |
| • _3 rated value | V | 218 |
| Electrical input frequency | | |
| • minimum | Hz | 50 |
| • maximum | Hz | 60 |

Outputs:

| | | |
|------------------------------------|----|----|
| Phase number of the outputs | | 1 |
| Output voltage | | |
| • _1 rated value | V | 42 |
| Electrical output frequency | | |
| • maximum | Hz | 60 |
| • minimum | Hz | 50 |

Ambient conditions:

| | | |
|--|----|------|
| Thermal class acc. to IEC 60085 | | B |
| Ambient temperature rated value | °C | 40 |
| Protection class IP | | IP00 |

Mechanical data:

| | | |
|---|---|--------------------------------------|
| Type of electrical connection | | |
| • at output for main current circuit | | screw-type terminals / tab terminals |
| • at input for main current circuit | | screw-type terminals / tab terminals |
| Mounting type | | screws / standard rail |
| Construction form of the iron core | | EI 84/42 |
| Width | m | 0.086 |
| Height | m | 0.098 |
| Depth | m | 0.102 |

Certificates/ approvals:

| | | | |
|---------------------------------|----------------------------------|--------------------------|--------------|
| General Product Approval | Declaration of Conformity | Shipping Approval | other |
|---------------------------------|----------------------------------|--------------------------|--------------|



EG-Konf.

[Miscellaneous](#)



PRS

[Confirmation](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM3442-4TV00-0EA0>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/4AM3442-4TV00-0EA0>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM3442-4TV00-0EA0&lang=en

last modified:

01/20/2019